

## SECTION I

NM 29/99

CHART 12333

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ARTHUR KILL, KILL VAN KULL, NEWARK BAY AND UPPER BAY CHANNEL DEPTHS									
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 1998									
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)	
FRESH KILLS REACH	A25.0	33.8	36.3	31.5	12-92;1-93	500	1.8	35	
TREMLEY POINT REACH	31.0	38.1	36.3	33.1	12-92;1-93	600	0.9	35	
PRALLS ISLAND REACH	A25.0	35.5	36.3	A28.7	12-92;1-93	500	1.2	35	
GULFPORT REACH	A27.5	37.0	36.9	28.4	12-92;1-93	500-600	1.1	35	
ELIZABETHPORT REACH	25.8	35.3	36.5	A19.9	12-92;1-93	500-600	1.1	35	
N OF SHOOTERS ISLAND REACH	28.8	32.5	32.5	28.8	12-92;1-93	600	1.0	35	
S OF SHOOTERS ISLAND REACH	18.6	24.1	14.0	B 5.0	8-90	400	1.0	30	
BERGEN PT. WEST REACH	39.4	40.0	40.0	37.1	12-96;2-97	800	1.1	35	
BERGEN PT. EAST REACH	37.4	40.0	40.0	39.5	12-96;2-97	800	1.0	35	
CONSTABLE HOOK REACH	34.0	40.0	40.0	34.8	12-96;2-97	2000-800	2.2	35	
NEWARK BAY SOUTH REACH	40.7	40.7	40.7	39.3	7,8-98	1000-535	1.4	35	
NEWARK BAY MIDDLE REACH	37.2	40.2	37.2	34.2	7,8-98	600-400	1.4	35	
ELIZABETH CHANNEL	38.7	39.3	39.0	38.5	9-98	500	1.4	40	
PORT NEWARK CHANNEL:									
PORT NEWARK(BRANCH CHANNEL)	35.0	35.0	35.0	29.8	12-89;1-90	800-400	0.4	35	
PIERHEAD CHANNEL	33.1	34.5	34.5	38.5	3-95	300	0.7	35	
<p>A. THE CHANNEL HAS SHOALED ALONG THE EDGE; A DEPTH OF 30 FT WAS AVAILABLE IN THE INSIDE HALF OF QUARTER.</p> <p>B. OBSTRUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FT OVER WRECKAGE.</p> <p>* CONTROLLING DEPTHS IN CHANNELS OF RARITAN BAY- EAST REACH TO AND INCLUDING FRESH KILLS REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM LOWER NEW YORK BAY. CONTROLLING DEPTHS FROM CONSTABLE HOOK TO AND INCLUDING TREMLEY POINT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM UPPER NEW YORK BAY.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>									